Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV113018\
Data File : VV008804.D
Acq On : 30 Nov 2018 10:10
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00572

Quant Time: Dec 01 03:49:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 30 06:23:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	169736	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	155283	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75969	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	50118	4.27	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.40%			
7) Chloroethane-d5	1.59	69	36343	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.20%			
11) 1,1-Dichloroethene-d2	2.14	63	92169	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.40%			
20) 2-Butanone-d5	3.97	46	125756	47.81	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.62%			
24) Chloroform-d	4.40	84	111191	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.09	65	53318	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
32) Benzene-d6	5.10	84	222749	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
36) 1,2-Dichloropropane-d6	6.12	67	65852	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%			
41) Toluene-d8	7.36	98	209337	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
43) trans-1,3-Dichloropropene-	7.67	79	23881	5.00	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.00%			
46) 2-Hexanone-d5	8.14	63	101538	51.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.14%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42798	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	73705	4.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	72342	4.817	ug/L	100
3) Chloromethane	1.25	50	50668	4.506	ug/L	100
5) Vinyl chloride	1.32	62	51886	4.638	ug/L	98
6) Bromomethane	1.54	94	32699	4.659	ug/L	95
8) Chloroethane	1.60	64	28630	4.470	ug/L	96
9) Trichlorofluoromethane	1.77	101	82956	4.965	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	45467	4.755	ug/L	96
12) 1,1-Dichloroethene	2.14	96	40163	4.811	ug/L	95
13) Acetone	2.22	43	61343	46.798	ug/L	99
14) Carbon disulfide	2.32	76	110793	4.573	ug/L	100
15) Methyl Acetate	2.47	43	15510	4.421	ug/L	95
16) Methylene chloride	2.54	84	39983	4.247	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	97163	4.727	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	41799	4.557	ug/L	95
19) 1,1-Dichloroethane	3.23	63	98827	4.847	ug/L	95
21) 2-Butanone	4.06	43	124044	47.208	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	61861	4.800	ug/L	98

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ALS Vial : 2 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	25955	4.909	ug/L		96
25) Chloroform	4.43	83	105533	4.763	ug/L		97
27) 1,2-Dichloroethane	5.18	62	61251	4.811	ug/L		99
29) 1,1,1-Trichloroethane	4.66	97	89339	4.929	ug/L		99
30) Cyclohexane	4.72	56	89932	4.712	ug/L		100
31) Carbon tetrachloride	4.87	117	78111	4.979	ug/L		99
33) Benzene	5.15	78	226781	4.870	ug/L		100
34) Trichloroethene	5.96	95	64446	4.978	ug/L		98
35) Methylcyclohexane	6.17	83	101473	4.942	ug/L		100
37) 1,2-Dichloropropane	6.22	63	55006	4.752	ug/L		100
38) Bromodichloromethane	6.56	83	65900	4.986	ug/L		99
39) cis-1,3-Dichloropropene	7.07	75	74958	4.931	ug/L		100
40) 4-Methyl-2-pentanone	7.28	43	292376	48.803	ug/L		99
42) Toluene	7.43	91	242437	4.974	ug/L		99
44) trans-1,3-Dichloropropene	7.69	75	58986	4.922	ug/L		97
45) 1,1,2-Trichloroethane	7.88	97	37868	4.931	ug/L		98
47) Tetrachloroethene	8.02	164	50275	5.021	ug/L		99
48) 2-Hexanone	8.19	43	205013	48.745	ug/L		98
49) Dibromochloromethane	8.29	129	42500	5.083	ug/L		96
50) 1,2-Dibromoethane	8.40	107	34998	4.855	ug/L		99
51) Chlorobenzene	8.93	112	155890	4.859	ug/L		99
52) Ethylbenzene	9.06	91	262628	4.980	ug/L		99
53) m,p-xylene	9.18	106	101750	5.144	ug/L		95
54) o-xylene	9.59	106	97370	5.103	ug/L		98
55) Styrene	9.60	104	164448	5.184	ug/L		100
56) Isopropylbenzene	9.98	105	260677	5.016	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.29	83	40636	4.962	ug/L		99
59) 1,2,3-Trichloropropane	10.32	75	32631	4.913	ug/L		97
61) Bromoform	9.78	173	20633	5.009	ug/L		97
62) 1,3-Dichlorobenzene	11.23	146	120888	4.835	ug/L		98
63) 1,4-Dichlorobenzene	11.32	146	122842	4.966	ug/L		98
65) 1,2-Dichlorobenzene	11.69	146	115257	4.886	ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.48	75	5391	4.641	ug/L	#	82
67) 1,3,5-Trichlorobenzene	12.69	180	93733	5.108	ug/L		99
68) 1,2,4-trichlorobenzene	13.31	180	71033	5.247	ug/L		97
69) Naphthalene	13.56	128	103475	5.227	ug/L		99
70) 1,2,3-Trichlorobenzene	13.80	180	65851	5.214	ug/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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